

Listing of claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

34. (previously presented) An isolated polynucleotide comprising the nucleic acid sequence of ORF ID 4 of Contig ID 65, represented by nucleotides 2889-1915 of SEQ ID NO:65.

35. (previously presented) The isolated polynucleotide of claim 34, wherein said polynucleotide comprises a heterologous polynucleotide sequence.

36. (previously presented) The isolated polynucleotide of claim 35, wherein said heterologous polynucleotide sequence encodes a heterologous polypeptide.

37. (previously presented) A method for making a recombinant vector comprising inserting the isolated polynucleotide of claim 34 into a vector.

38. (currently amended) A nucleic acid sequence fully complementary to the entirety of the nucleotide sequence of claim 34.

39. (previously presented) A recombinant vector comprising the isolated polynucleotide of claim 34.

40. (previously presented) The recombinant vector of claim 39, wherein said polynucleotide is operably associated with a heterologous regulatory sequence that controls gene expression.

41. (previously presented) A recombinant host cell comprising the isolated polynucleotide of claim 34.

42. (previously presented) The recombinant host cell of claim 41, wherein said polynucleotide is operably associated with a heterologous regulatory sequence that controls gene expression.

64. (previously presented) A method for detecting *Escherichia coli* comprising: contacting a biological sample with the isolated polynucleotide of claim 34; and detecting the presence or absence of *Escherichia coli* in the sample.